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2 \$9ball with (self adj seal adj valve) USPAT; USPACUB; EFO; JPO; DERWENT; IEM TDB USPAT; USPACUB; EFO; JPO; DERWENT; IEM TDB USPACUB; IEM TD					
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33 266 600/29.ccls. USFAT: USFACOUR. EPG. JPO: DERWENT; IBM TOB USFAT: USFACOUR. IBM TOB USFAT: USFACOUR. IBM TOB USFAT: "3883928" USFACOUR. IBM TOB USFAT: "438693" "4558693" "4558693" "4558693" "4558693" "4558693" "4558693" "457512" "4861649" "4961649" "4961649" "4961649" "4961649" "4961649" "497521" "4801649" "497646" "5460200" "4363922" "4972241" "5310232" "5310232" "5310232" "5310232" "5310232" "5310232" "5310232" "5310232" "4972241" "5310232" "4972241" "5310232" "4972241" "497		•			
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- 106 ("5935013" TBM TDB USPAT; "6008271" US-PGFUB; "6008271" US-PGFUB; "893928" DEPO; JPO; DERNEMT; "4380855" TBM TDB "753693" "4929214" "5941752" "4578041" "4878041" "4878041" "4878041" "4872414" "5312362" "6250083" "5429605" "4447251" "4861649" "4969545" "6136025" "4911379" "5520604" "4917646" "560000" "4364392" "4932241" "5306194" "5334072" "5501328" "55017328" "55017328" "55017328" "55017328" "55017328" "55017328" "55017328" "4402476" "4402476" "4402476" "4402476" "4402476" "4402568" "4439185" "4403513" "44777951" "4816020" "4819751" "4816020" "4819751" "4836499" "4837955" "4839966" "4917102" "4934986" "5295958").pn					
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"4836499" "4837955" "4850969" "4917102" "4934986" "5011468" "5295892" "5295958").pn.					
"4837955" "4850969" "4917102" "4934986" "5011468" "5295892" "5295958").pn.					
"4850969" "4917102" "4934986" "5011468" "5295892" "5295958").pn. O 5941752.URPN. USPAT 2002/11/17 16:45					
"4917102" "4934986" "5011468" "5295892" "5295958").pn. 0 5941752.URPN. USPAT 2002/11/17 16:45				1	
"4934986" "5011468" "5295892" "5295958").pn. 0 5941752.URPN. USPAT 2002/11/17 16:45					
"5011468" "5295892" "5295958").pn. 0 5941752.URPN. USPAT 2002/11/17 16:45					
"5295892" "5295958").pn. - 0 5941752.URPN. USPAT 2002/11/17 16:45					
"5295958").pn. 0 5941752.URPN. USPAT 2002/11/17 16:45					1 19
- 0 5941752.URPN. USPAT 2002/11/17 16:45					
- 0 5941752.URPN. USPAT 2002/11/17 16:46	-	0	5941752.URPN.		
		0	5941752.URPN.	USPAT	2002/11/17 16:46

-	11	("1247809" "1771730" "3310024"	USPAT	2002/11/17 16:46
		"3786590" "4781645" "4929214"		
	:	"5083961" "5098095" "5188558" "5279873" "5480339").PN.	,	
	6	4558693.URPN.	USPAT	2002/11/17 16:55
-	5	("4201202" "4224934" "4353360"	USPAT	2002/11/17 16:56
-		"4399812" "4411261").PN.		
_	75	implant\$9 with balloon with valve	USPAT;	2002/11/17 16:58
		•	US-PGPUB;	
			EPO; JPO;	
			DERWENT;	
		64 00 04 F - 17 P.V.	IBM_TDB USPAT	2002/11/17 17:00
-	0 15	6192917.URPN. ("3230663" "4674532" "4758198"	USPAT	2002/11/17 17:00
-	12	"5108339" "5188558" "5248275"	ODIMI	2002,11,1,
		"5295892" "5336123" "5405479"		
		"5451179" "5595521" "5733406"		
		"5830780" "5878768" "5934310").PN.		<u></u>
-	5	5934310.URPN.	USPAT	2002/11/17 17:00
-	9	5830780.URPN.	USPAT	2002/11/17 17:01
-	8	4718410.URPN.	USPAT	2002/11/17 17:10 2002/11/17 17:14
-	52	microballoon and valve	USPAT; US-PGPUB;	2002/11/11 11:14
		'	EPO; JPO;	
			DERWENT;	
			IBM_TDB	
-	502	600/29,30,31,32.ccls.	USPĀT;	2002/11/19 13:48
			US-PGPUB;	
		,	EPO; JPO;	
	Í		DERWENT; IBM TDB	
_	164	600/29,30,31,32.ccls. and balloon	USPAT;	2003/03/24 17:55
_	104	000/29,30,31,32.0013. and barroon	US-PGPUB;	2003/03/21 1/130
			EPO; JPO;	
			DERWENT;	
			IBM_TDB	
-	235	600/29,30,31,32.ccls. and valve	USPAT;	2002/11/17 17:18
			US-PGPUB; EPO; JPO;	
			DERWENT;	
			IBM TDB	
_	0	6398718.URPN.	USPAT	2002/11/17 17:22
_	25	("4055178" "4258705" "4804375"	USPAT	2002/11/17 17:22
		"4834704" "4850963" "4871542"		1
		"5019032" "5030199" "5188109"		
		"5234409" "5334197" "5443470"		
1		"5472441" "5513659" "5579781" "5604531" "5653689" "5704353"		
		"5732714" "5762599" "5800478"		
		"5806527" "5989230" "6039967"		
		"6066088").PN.		
-	40	balloon with (valve adj stem)	USPAT;	2002/11/17 17:33
			US-PGPUB;	
			EPO; JPO; DERWENT;	
			IBM TDB	
_	74	silicon with (((duck adj bill) or check)	USPAT;	2002/11/17 17:35
	'3	with valve)	US-PGPUB;	111111111111111111111111111111111111111
			EPO; JPO;	911
			DERWENT;	
			IBM_TDB	0000/11/12 110 110 11
-	2		USPAT;	2002/11/19 10:39
		with valve) and balloon	US-PGPUB; EPO; JPO;	
			DERWENT;	
			IBM TDB	
-	956	604/96.01,99.02,99.03,99.04.ccls.	USPAT;	2002/11/19 10:58
			US-PGPUB;	
			EPO; JPO;	
			DERWENT;	
L			IBM TDB	

	8	(pierce or puncture) with (((duck adj	USPAT;	2002/11/17 18:21
		bill) or check) with valve) and balloon	US-PGPUB;	
		, , , , , , , , , , , , , , , , , , ,	EPO; JPO;	
			DERWENT;	
			IBM_TDB	
_	150	(pierce or puncture) with valve and	USPAT;	2003/03/24 09:55
		balloon	US-PGPUB;	
			EPO; JPO;	
			DERWENT;	
			IBM_TDB	
_	0	6312405.URPN.	USPAT	2002/11/17 18:25
_	0	6312405.URPN.	USPAT	2002/11/17 18:25
_	10	(USPAT	2002/11/17 18:25
		"4327734" "4471779" "4517979"		
		"4819637" "5181921" "5222970"		
		"5779672").PN.		0000/11/12 10 00
-	33	5181921.URPN.	USPAT	2002/11/17 18:26

						HCDAIR	2002/11/17 19:26
-	179	("1341052"	"2078182"	"2549335"	1	USPAT	2002/11/17 18:26
			"3485234"	"3649224"			
			"4327734"	"4341218"			
			"5152784"	"4402319"			
		• • • • • •	"4494531"	"4512338"			
			"4553545"	"4611594"	i		
			"4638803"	"RE32348"			
			"4670286"	"4718907"			
			"4748986"	"4768507"			
	Ì		"4798606"	"4800882"			
		10207-0	"4820298"	"4830003"			
			"4856516"	"4873978"			
			"4954126"	"4957479"			
		,	"4990155"	"4994069"			
			"5002556"	"5015253"			
			"5026377"	"5035706"			
			"5037377"	"5041084"			
		"5041126"	"5061275"	"5064435"			
			"5104404"	"5108407"			
			"5122136"	"5133364"	!		
		"5133731"	"5133732"	"5141502"	!		
		"5143085"	"5147370"	"5151105"			
		"5160341"	"5171273"	"5176625"	 -		
		"5176661"	"5181921"	"5183085"	<u> </u> :		
	ļ	"5186992"	"5188621"	"5192290"	! :	ļ	
		"5197977"	"5203772"	"5211658"	!	İ	
		"5217484"	"5222969"	"5222970"			
		"5224953"	"5226911"	"5226913"	!		
İ		"5228453"	"5234456"	"5238004"	!		
	!	"5250071"	"5256146"	"5258042"	Į.		
		"5261916"	"5275173"	"5304194"	!		
		"5312415"	"5314472"	"5322501"	Į		
		"5336205"	"5341818"	"5342387"	Į		
		"5350397"	"5354295"	"5354309"	ļ		
		"5368049"	"5373856"	"5382259"	!		
		"5383887"	"5395390"	"5405377"	1		
		"5409015"	"5411475"	"5413597"	!		
		"5415664"	"5417708"	"5423829"	!		
		"5433723"	"5441516"	"5443478"	!		
		"5443498"	"5484449"	"5500013"	1		
		"5514115"	"5514176"	"5520194"	!		
		"5522822"	"5522836"	"5523092"			
		"5527336"	"5540701"	"5549624"	!		
		"5562641"	"5562698"	"5569245"	1		
		"5578074"	"5582619"	"5603694"	ļ		
		"5607445"	"5609627"	"5613981"			
		"5624461"	"5637113"	"5638827"	1		
		"5639277"	"5643254"		!		
		"5645564"	"5653726"		1		
		"5666968"	"5667522"		1		
	1	"5690643"	"5690666"	"5690671"	1		
		"5693085"	"5702373"	"5702414"	I .		
		"5713907"	"5722989"	"5725546"	1		
		"5733329"	"5743905"		1	1	
		"5746769"	"5749883"		1		
		"5749894"	"5749918"		Į.		
		"5788653"	"5797957"	•	1		
1		"5800526"	"5814062"	•	Į.		
1	1	"5944733"		"5984929"	I		
	1	"5989242"	-	. PN.		HODAT	2002/11/17 10 07
-	1	6197005.URP		1 1146505000		USPAT	2002/11/17 18:27
_	12			"4653539"		USPAT	2002/11/17 18:28
		"4811758"					
		"5165493"		•	•		
		"5507436"		"6053896")	.PN.	HCDrm	2002/11/17 10 22
-	47	4819637.URP				USPAT	2002/11/17 18:32
-	179	251/903.ccl	S.			USPAT;	2002/11/17 18:39
						US-PGPUB;	
						EPO; JPO;	
1						DERWENT;	
		<u> </u>				IBM TDB	<u></u>

			Tropam.	1 2002 /11 /17 19.42
_	56	427/\$.ccls. and balloon and valve	USPAT; US-PGPUB;	2002/11/17 18:42
			EPO; JPO;	
			DERWENT;	
			IBM TDB	
	001	446/\$.ccls. and valve	USPAT;	2002/11/17 18:42
_	821	446/5.CCIS. and valve	US-PGPUB;	2002, 11, 11
			EPO; JPO;	
			DERWENT;	İ
			IBM TDB	
_	36	446/\$.ccls. and valve and (pierce or	USPAT;	2002/11/17 18:44
	30	puncture)	US-PGPUB;	
		puno 1	EPO; JPO;	
	!		DERWENT;	
			IBM_TDB	
_	347	basketball and valve	USPAT;	2002/11/17 23:47
			US-PGPUB;	
			EPO; JPO;	
			DERWENT;	
			IBM_TDB USPAT;	2002/11/17 22:52
-	16942	needlevalve or (needle adj valve)	1 '	2002/11/1/ 22:32
			US-PGPUB; EPO; JPO;	
	1		1	
			DERWENT; IBM TDB	
	0405	dlala on (noodla adi valva) and	USPAT;	2002/11/17 22:53
-	2495	needlevalve or (needle adj valve) and (balloon or ball)	US-PGPUB;	2002/11/1/ 22:33
		(balloon of ball)	EPO; JPO;	
			DERWENT;	
			IBM TDB	
_	48	needlevalve or (needle adj valve) and	USPAT;	2002/11/17 23:07
_	1	(balloon or ball) and deflate	US-PGPUB;	
		(55225011 52 2522) 4114 452241	EPO; JPO;	
			DERWENT;	
			IBM TDB	
1 -	9	4946464.URPN.	USPĀT	2002/11/17 23:03
_	465	604/907,921,96,103,164.01,96.01.ccls. and	USPAT;	2002/11/17 23:08
		valve	US-PGPUB;	
			EPO; JPO;	
			DERWENT;	
			IBM_TDB	0000/11/17 00 11
-		6398894.URPN.	USPAT	2002/11/17 23:11
-	6		USPAT	2002/11/17 23:11
		"5320345" "5931752" "6142897").PN.	IICDAM	2002/11/17 23:14
-	0		USPAT	2002/11/17 23:14
-		("2942614" "3385301").PN.	USPAT USPAT	2002/11/17 23:14 2002/11/17 23:15
	38		USPAT	2002/11/17 23:19
	3		USPAT	2002/11/17 23:19
_	16		USPAT	2002/11/17 23:25
-	10	"2841166" "3100498" "3310064"	ODIMI	2002/11/1/ 25.25
		"3401714" "3410299" "3584671"		
		"3905387" "4014048" "4274633"		0 N
		"5083581" "5090223" "5167561"		10
		"5358001").PN.		
-	4	5358001.URPN.	USPAT	2002/11/17 23:26
_	4		USPAT	2002/11/17 23:28
_	i	"1641382".PN.	USPAT	2002/11/17 23:28
-	4	3905387.URPN.	USPAT	2002/11/17 23:28
_	10	4662357.URPN.	USPAT	2002/11/17 23:29
1				2002/11/17 23:31

-	45	("3600718" "3839743" "3839821"	USPAT	2002/11/17 23:31
		"3883902" "3902198" "3919724"		
		"3934274" "4190040" "4201202"		
		"4216774" "4217889" "4253201"		
		"4263682" "4413359" "4428364" "4520821" "4523584" "4566466"		
		102002		
		"4619245" "4662357" "4671255" "4685447" "4726404" "4738657"		
		"4685447" "4726404" "4738657" "4773393" "4773908" "4798584"		
		"4802479" "4834720" "4840615"		
		"4857053" "4863470" "4955906"		
		"4955907" "4969899" "4992312"		
		"5066303" "5085890" "5133753"		
		"5137529" "5139841" "5141508"		
		"5354275" "5403293" "5725507").PN.		
_ =	13	5403293.URPN.	USPAT	2002/11/17 23:32
-	11	("3171412" "4781693" "4781702"	USPAT	2002/11/17 23:34
		"5071404" "5178107" "5199948"		
		"5251873" "5254097" "5290241"		
		"5295657" "5295658").PN.		
-	10	4969899.URPN.	USPAT	2002/11/17 23:37
	10	"693890"	USPAT;	2002/11/17 23:50
			US-PGPUB;	
			EPO; JPO;	
			DERWENT;	
		4772000 UDDN	IBM_TDB	2002/11/17 23:48
-	9	4773908.URPN.	USPAT	2002/11/17 23:48 2002/11/17 23:51
-	0	BeckerHilton.in.	USPAT;	2002/11/17 23:31
			US-PGPUB; EPO; JPO;	
1			DERWENT;	
			IBM TDB	
	19	Becker.in. and Hilton	USPAT;	2002/11/17 23:52
-	19	becker.in. and niicon	US-PGPUB;	2002, 11, 11 20.02
			EPO; JPO;	
			DERWENT;	
		•	IBM TDB	
_	110	600/29,30,31,32.ccls. and balloon and	USPAT;	2002/11/18 08:44
		valve	US-PGPUB;	
			EPO; JPO;	
			DERWENT;	
			IBM_TDB	
-	0	\	USPAT;	2002/11/18 08:46
		and (hole or slit or pierce or puncture)	US-PGPUB;	
			EPO; JPO;	
			DERWENT;	
			IBM_TDB	0000/11/10 00 15
-	2	\	USPAT;	2002/11/18 08:46
		(hole or slit or pierce or puncture)	US-PGPUB;	
			EPO; JPO;	
			DERWENT;	
		4364392.URPN.	IBM_TDB USPAT	2002/11/18 08:50
_	65		USPAT;	2002/11/18 08:50
-		pierce\$4))	US-PGPUB;	2002/11/19 00:01
		brereedal!	EPO; JPO;	
		1	DERWENT;	
			IBM TDB	
_	270	balloon and (valve with (slit or	USPAT;	2002/11/19 10:23
		pierce\$4))	US-PGPUB;	
			EPO; JPO;	
			DERWENT;	
			IBM_TDB	
-	55	4545367.URPN.	USPAT	2002/11/19 09:55
-	13	("4085757" "4517979" "4545367"	USPAT	2002/11/19 09:56
		"4638803" "4836204" "5041090"		
		"5258042" "5443478" "5451235"		
		"5634936" "5725535" "5827171"		
L	<u> </u>	"6165193").PN.	<u> </u>	L

				0000/11/10 10.05
-	9539	balloon and valve ((drip adj coat\$4) or dripcoat\$4)	USPAT; US-PGPUB; EPO; JPO; DERWENT;	2002/11/19 10:25
			IBM TDB	
_	0	<pre>balloon and valve and ((drip adj coat\$4) or dripcoat\$4)</pre>	USPAT; US-PGPUB; EPO; JPO;	2002/11/19 10:25
			DERWENT;	
			IBM_TDB USPAT;	2002/11/19 10:25
-	532	balloon and valve and coat	US-PGPUB;	2002/11/19 10.23
		-	EPO; JPO;	
			DERWENT; IBM TDB	
_	2978	balloon and valve and coat\$4	USPAT;	2002/11/19 10:29
			US-PGPUB; EPO; JPO;	
			DERWENT;	
	2112	balloon and valve and integral	IBM_TDB USPAT;	2002/11/19 10:30
	2112	bulloon and valve and integral	US-PGPUB;	
			EPO; JPO; DERWENT;	
			IBM_TDB	
-	250	balloon and valve and coat\$4 and implant and silicone	USPAT; US-PGPUB;	2002/11/19 10:29
		and stillcome	EPO; JPO;	
			DERWENT; IBM TDB	
_	43	("4101984" "4343788" "4479795"	USPAT	2002/11/19 10:31
		"4677143" "4769013" "4872867" "5019096" "5053048" "5059166"		
		"5067491" "5102402" "5108424"		
		"5112457" "5197977" "5217493" "5244654" "5282823" "5298255"		
		"5304121" "5314688" "5342348"		
		"5344411" "5344444" "5345933" "5348873" "5356433" "5380299"		
		"5383927" "5383928" "5419760"		
		"5443458" "5447724" "5449382" "5455040" "5457113" "5464450"		
		"5554181" "5569463" "5607475"		
		"5609629" "5716981" "5824049" "5873904").PN.		
-	744	microballoon	USPAT;	2002/11/19 10:38
			US-PGPUB; EPO; JPO;	
			DERWENT;	
_	829	silicon and valve and balloon	<pre>IBM_TDB USPAT;</pre>	2002/11/19 14:19
			US-PGPUB;	
			EPO; JPO; DERWENT;	
		600/20 20 21 2211 2-12	IBM_TDB	2002/11/10 14:55
-	165	600/29,30,31,32.ccls. and balloon	USPAT; US-PGPUB;	2002/11/19 14:55
			EPO; JPO;	
			DERWENT; IBM TDB	
-	62		USPĀT;	2002/11/19 10:58
		(balloon with implant\$4)	US-PGPUB; EPO; JPO;	
			DERWENT;	
_	21	5304123.URPN.	IBM_TDB USPAT	2002/11/19 11:03
-	245		USPAT; US-PGPUB;	2002/11/19 13:48
	İ		EPO; JPO;	
			DERWENT; IBM TDB	
			IBM IDB	

-	183	balloon and dip and silicon	USPAT;	2002/11/19 14:19
			US-PGPUB; EPO; JPO;	
			DERWENT;	
			IBM TDB	
_	678	balloon and dip\$5 and silicon	USPĀT;	2002/11/19 14:20
		• •	US-PGPUB;	
			EPO; JPO;	
			DERWENT; IBM TDB	
	300	balloon and dip\$5 and silicone and valve	USPAT;	2002/11/19 14:52
-	398	balloon and dipps and silicone and valve	US-PGPUB;	2002/11/13 11:02
			EPO; JPO;	
			DERWENT;	
			IBM_TDB	
-	1002	(ball or bladder or bubble) and dip\$5 and	USPAT;	2002/11/19 14:44
		silicone and valve	US-PGPUB;	
			EPO; JPO; DERWENT;	
			IBM TDB	
_	833	((ball or bladder or bubble) and dip\$5 and	USPAT;	2002/11/19 14:45
		silicone and valve) not (balloon and dip\$5	US-PGPUB;	
1		and silicone and valve)	EPO; JPO;	
			DERWENT;	
1	_	1 1 05 1 1 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	IBM_TDB	2002/11/10 14.54
-	7	balloon and dip\$5 and silicone and valve	USOCR USPAT;	2002/11/19 14:54
_	3/29	(600/\$.ccls. or 128/\$.ccls. or 604/\$.ccls.) and balloon and valve	US-PGPUB;	2002/11/19 14.30
		004/3.ccis./ and balloon and valve	EPO; JPO;	
			DERWENT;	
	,		IBM_TDB	
-	1293		USPAT;	2002/11/19 14:59
		604/\$.ccls.) and balloon and valve and	US-PGPUB;	
i		silicone	EPO; JPO; DERWENT;	
			IBM TDB	
_	245	(600/\$.ccls. or 128/\$.ccls. or	USPAT;	2003/03/24 10:22
		604/\$.ccls.) and balloon and valve and	US-PGPUB;	
		silicone and (pierce or hole or slit) and	EPO; JPO;	
		(detach or implant\$4 or unitary)	DERWENT;	
		1051000 17771	IBM_TDB	2002/11/10 15:00
-		4364392.URPN. (pierce or puncture) with valve and	USPAT;	2002/11/19 15:08 2003/03/24 09:56
-	164	(pierce or puncture) with valve and	US-PGPUB;	2003/03/24 03.30
		2425011	EPO; JPO;	
			DERWENT;	
			IBM_TDB	
-	8956		USPAT;	2003/03/24 10:08
		valve with ball\$9	US-PGPUB; EPO; JPO;	
			DERWENT;	
			IBM TDB	
_	263	silicon and ((pierc\$4 or puncture\$1 or	USPAT;	2003/03/24 10:16
1		seal\$4) with valve with ball\$5)	US-PGPUB;	
			EPO; JPO;	
			DERWENT;	
	202	(600/\$ cals or 120/\$ cals or	IBM_TDB USPAT;	2003/03/24 10:26
-	293	(600/\$.ccls. or 128/\$.ccls. or 604/\$.ccls.) and balloon and (valve with	US-PGPUB;	2003/03/24 10:20
-		(pierce or hole or slit))	EPO; JPO;	
		,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	DERWENT;	
			IBM_TDB	
-	27	(600/\$.ccls. or 128/\$.ccls. or	USPAT;	2003/03/24 10:34
		604/\$.ccls.) and balloon and (valve with	US-PGPUB;	
		(pierce or hole or slit)) and implant	EPO; JPO;	
	1		DERWENT; IBM TDB	
1_	26	RE32348.URPN.	USPAT	2003/03/24 10:32
L	20	1		1

_	0	basketball with valve with pierce	USPAT;	2003/03/24 10:34
		•	US-PGPUB;	
			EPO; JPO;	
			DERWENT;	
			IBM_TDB	
_	2656	\$4ball\$4 with valve with (slit or	USPAT;	2003/03/24 11:56
		inflat\$4)	US-PGPUB;	
			EPO; JPO;	
			DERWENT;	
1			IBM_TDB	
-	22	\$4ball\$4 with valve with pierce	USPAT;	2003/03/24 11:56
			US-PGPUB;	
			EPO; JPO;	
	1		DERWENT;	
			IBM TDB	